

ABSTRACT

This invention provides a novel device and method for preparing cytology slides. The device comprises a book-like form including an absorbent material and filter attached to the inside surface of a front cover and a cytology slide removeably attached to an inside surface of a back cover. A sample is removed from the body of a patient, placed in a liquid-based solution, and then on the filter. When the book-like form is closed, the sample is effectively transferred to the slide. The device can be modified so that a plurality of slides are prepared at the same time.

¹ Sawaya, George F. (M.D.), Grimes, David A. (M.D.), "New Technologies in Cervical Cytology Screening: A Word Of Caution", *Obstetrics and Gynecology*, 1999, Vol. 94, pg.1, which is incorporated herein by reference.

² Davey DD, Nielsen ML, Rosenstock W, Tilde TS. "Terminology and specimen adequacy in cervicovaginal cytology: The College of American Pathologists interlaboratory comparison program experience", *Arch. Path. Lab. Med.* 1992, vol. 116, pgs. 903-907 which is incorporated herein by reference.

³ van der Graaf Y, Vooijs GP, Gaillard HLJ, Go DMDS, "Screening errors in cervical cytological screenings", *Acta Cytologica*, 1987, vol. 31, pgs. 434-8; Dehner LP, "Cervicovaginal cytology, false-negative results, and standards of practice", *Am. J. Clin. Pathol*, 1993, vol. 99, pgs. 45-47;

Gay JD, Donaldson LD, Goetliner JR., "False negative results in cervical cytologic studies", *Acta Cytologica*, 1985, vol. 29, pgs. 1043-1046; and

Morell, ND, Taylor JR, Snyder RN, Ziel HK, Saltz A, Willis S., "False-negative cytology rates in patients in whom invasive cerviocal cancer subsequently developed", *Obstet. Gynecol.*, 1982, vol. 60, pgs. 41-45 which are incorporated herein by reference.

⁴ Further information about the operation and efficiency of the ThinPrep® method is set forth in *Obstetrics & Gynecology*, Vol. 90, No. 2, pps. 278-284 in an article by Lee, Ashfaq, Birdsong, Corkill, McIntosh and Inhorn titled "Comparison of Conventional Papanicolaou Smears and a Fluid-Based, Thin-Layer System for Cervical Cancer Screening" which is incorporated herein by reference.

⁵ Further information about the UCM is set forth in PCT International Application No. PCT/US98/26342 (European patent application number 98962066.1), filed on December 11, 1998 by Attila T. Lorincz and Yanlin Tang for a Universal Collection Medium which is incorporated herein by reference.

⁶ Further information about fixation and staining methods and materials used is provided by the Health Care Financing Administration and set forth in "The Tutorial of Cytology" by Wied, Keebler, Koss and Reagan (1998, pps. 580-583), and in "Comprehensive Cytopathology" by Bibbo, (1991, pps. 882-892) which are incorporated herein by reference.

⁷Further information about the UCM is set forth in PCT International Application No. PCT/US98/26342 (European patent application number 98962066.1), filed on December 11, 1998 by Attila T. Lorincz and Yanlin Tang for a Universal Collection Medium which is incorporated herein by reference.

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